AMENDMENTS TO THE CLAIMS

Pursuant to 37 CFR 1.121, presented below are pending claims 1-23 having status identifiers. Please amend claims 1, 2, 9, 10, 17 and 18 as follows. No new matter has been added.

We claim:

1. (Currently amended) A disc drive storage system comprising:

a housing having a central axis;

a stationary component that is fixed with respect to the housing and coaxial with the central axis;

a rotatable component that is rotatable about the central axis with respect to the stationary component;

a data storage disc attached to and coaxial with the rotatable component;

an actuator supporting a head proximate to the data storage disc for communicating with the disc; and

a bearing defining a gap and interconnecting the stationary component and the rotatable component and having surfaces separated by a lubricant, wherein at least one of the stationary component and the rotatable component is substantially comprised of silicon containing copper alloy, wherein the silicon containing copper alloy ~~comprises~~ consists of silicon bronze.

2. (Currently amended) The disc drive storage system as in claim 1, wherein one of the stationary component and the rotatable component comprises one of a shaft, sleeve, hub, counterplate, ~~and~~ thrustplate, conical shaft, and a conical sleeve.

3. (Original) The disc drive storage system as in claim 1, wherein the silicon containing copper alloy is a wear resilient material for achieving negligible adhesive and abrasive wear to components, desired bearing gap dynamic performance, and component corrosion resistance.

4. (Cancelled)

5. (Previously amended) The disc drive storage system as in claim 1, wherein the silicon bronze has a silicon composition ranging from 0.2% to 10%.

6. (Previously amended) The disc drive storage system as in claim 1, wherein the silicon bronze is one of high-silicon bronze A having product description C65500 with a silicon composition ranging from 2.8% to 3.8%, C64200 and C65100.

7. (Original) The disc drive storage system as in claim 3, further comprising a counter surface to the silicon containing copper alloy selected from the group consisting of stainless steel including SF20T and 430SS.

8. (Original) The disc drive storage system as in claim 1, further comprising:

a stator that is fixed with respect to the housing; and

a rotor supported by the rotatable component and magnetically coupled to the stator.

9. (Currently amended) A spindle motor comprising:

a housing having a central axis;

a stationary component that is fixed with respect to the housing and coaxial with the central axis;

a rotatable component that is rotatable about the central axis with respect to the stationary component; and

a bearing defining a gap and interconnecting the stationary component and the rotatable component and having surfaces separated by a lubricant, wherein at least one of the stationary component and the rotatable component is substantially comprised of silicon containing copper alloy, wherein the silicon containing copper alloy ~~comprises~~ consists of silicon bronze.

10. (Currently amended) The spindle motor as in claim 9, wherein one of the stationary component and the rotatable component comprises one of a shaft, sleeve, hub, counterplate, ~~and~~ thrustplate, conical shaft, and a conical sleeve.

11. (Original) The spindle motor as in claim 9, wherein the silicon containing copper alloy is a wear resilient material for achieving negligible adhesive and abrasive wear to components, desired bearing gap dynamic performance, and component corrosion resistance.

12. (Cancelled)

13. (Previously amended) The spindle motor as in claim 9, wherein the silicon bronze has a silicon composition ranging from 0.2% to 10%.

14. (Previously amended) The spindle motor as in claim 9, wherein the silicon bronze is one of high-silicon bronze A having product description C65500 with a silicon composition ranging from 2.8% to 3.8%, C64200 and C65100.

15. (Original) The spindle motor as in claim 11, further comprising a counter surface to the silicon containing copper alloy selected from the group consisting of stainless steel including SF20T and 430SS.

16. (Original) The spindle motor as in claim 9, further comprising:
a stator that is fixed with respect to the housing; and
a rotor supported by the rotatable component and magnetically coupled to the stator.

17. (Currently amended) A motor comprising a housing having a central axis, a stationary component that is fixed with respect to the housing and coaxial with the central axis, a rotatable component that is rotatable about the central axis with respect to the stationary component, a bearing defining a gap and interconnecting the stationary component and the rotatable component and having surfaces separated by a lubricant, and a means for achieving negligible adhesive wear and negligible abrasive wear to motor components wherein at least one of the stationary component and the rotatable component is substantially formed of silicon containing copper alloy, wherein the silicon containing copper alloy ~~comprises~~ consists of silicon bronze.

18. (Currently amended) The motor as in claim 17, wherein one of the stationary component and the rotatable component comprises one of a shaft, sleeve, hub, counterplate, ~~and~~ thrustplate, conical shaft, and a conical sleeve.

19. (Previously amended) The motor as in claim 17, wherein means for achieving negligible adhesive wear and negligible abrasive wear is included in at least one of the rotatable component and the stationary component.

20. (Original) The motor as in claim 19, wherein the silicon bronze has a silicon composition ranging from 0.2% to 10%.

21. (Original) The motor as in claim 19, wherein the silicon bronze is one of high-silicon bronze A having product description C65500 with a silicon composition ranging from 2.8% to 3.8%, C64200 and C65100.

22. (Original) The motor as in claim 17, further comprising a counter surface to the silicon containing copper alloy, the counter surface selected from the group consisting of stainless steel including SF20T and 430SS.

23. (Original) The motor as in claim 17, further comprising a stator that is fixed with respect to the housing, and a rotor supported by the rotatable component and magnetically coupled to the stator.